

Amendments to the Claims

Please amend the claims preliminarily as follows:

1. (canceled)

2. (currently amended) Scrubber according to claim 1, ~~characterized in that it is comprising a~~ in which:

the fluid way in form of is shaped as a guiding plate that spirals downward on the inner wall of the scrubber is fastened in spiral form from a level over the inlet to a level just above the outlet for liquid, which

the guiding plate is extending extends out towards the center a central axis of the scrubber a distance from and has a width in a range of 5 % to 20 % of the an inner diameter of the scrubber and, along the innermost portion of the guiding plate, that is, the portion closest to the central axis of the scrubber, is equipped with has an upwards extending edge of a height in a range of 75-150 % of the width of the guiding plate closest towards the centre of the scrubber.

3. (currently amended) Scrubber according to claim 1, ~~characterized in that~~ in which:
the fluid inlet is provided with a deflection plate for fluid introduced into the scrubber;

the fluid way is a guiding plate that spirals downward on the inner wall of the scrubber is fastened in spiral form 1-2 revolutions from the top of the scrubber from an upper level slightly above an centred inlet centered on the with deflection plate to a lower level slightly above the liquid phase located in the bottom of the scrubber,

~~in that said~~ the guiding plate has uniform downward slope, and is extending extends 10 % of the an inner diameter of the scrubber from the wall, and is equipped with a centred fastened has, along the innermost portion of the guiding plate, that is, the portion closest to a central axis of the scrubber, an upwards extending edge with a height equal to the a width of the guiding plate closest to the center of the scrubber.

4. (currently amended) Scrubber according to claim 1, ~~characterized in that~~ in which
the fluid way is comprising comprises a spiral-shaped formed pipe placed within the scrubber,

which the spiral-shaped formed pipe in the scrubber top is oriented in direct elongation from a tangential inlet, and is extending extends to just above the liquid outlet, and in the bottom of the scrubber, which spiral formed pipe in all its length has one longitudinal or several closely spaced openings has at least one opening for gas escape.

1 5. (currently amended) Scrubber according to claim ~~1 or 4~~ 11, characterized in that in
2 which:

3 the scrubber ~~has form~~ is shaped as a truncated ~~opposite-cone~~; ~~and where a spiral formed~~
4 the fluid way is in form of a longitudinal, spiral-wound open pipe ~~with spiral wound~~
5 adapted to the shape ~~form~~ of the scrubber ~~has been introduced~~.

1 6. (currently amended) Scrubber according to ~~anyone of the preceding claims~~ claim 11,
2 ~~characterized in that~~ further comprising a vortex breaker is- arranged above the upper gas outlet
3 of the scrubber.

1 7. (currently amended) Scrubber according to ~~anyone of the preceding~~ claim 13,
2 ~~characterized in that in which the~~ downward slope of the fluid way increases in downward
3 ~~direction has increasing slope~~.

1 8. (currently amended) Scrubber according to ~~anyone of the preceding claims~~
2 claim 13, ~~characterized in that in which the~~ fluid way ~~in downward direction~~ has a downwardly
3 increasing opening for gas escape.

1 9. (currently amended) Scrubber according to ~~anyone of the preceding claims~~ claim
2 11, ~~characterized in that it has further comprising~~:
3 equipment for demisting arranged between the fluid inlet and the ~~outlet for upper gas~~
4 outlet and
5 equipment for vortex breaking arranged between ~~the~~ a lower end of the fluid way and the
6 liquid ~~outlet for liquid~~.

1 10. (currently amended) Scrubber according to claim ~~1~~ 11, ~~characterized in that in~~
2 which the fluid way is completely closed for gas escape at the fluid inlet, but becomes gradually
3 open for escape of gas towards the liquid outlet, and the fluid way has about 5 revolutions in
4 total.

1 11. (new) A scrubber for separating constituents including a liquid phase from a
2 substantially gaseous fluid flow comprising:

3 a standing vessel having a substantially round cross section, an inner wall, a lower liquid
4 outlet and an upper gas outlet;

5 a fluid inlet directing fluid introduced into the scrubber along the inner wall; and

6 a fluid way that is arranged as a downward directed spiral along the inner wall of the
7 scrubber, that extends from the vicinity of the fluid inlet to the vicinity of the liquid outlet, and
8 that has an opening allowing gas to escape inward to a central region of the scrubber, such that
9 all fluid introduced into the fluid way is passed down the full length of the fluid way, except the
10 escaped gas.

1 12. (new) A scrubber as in claim 11, in which the fluid inlet is oriented so as to be
2 tangential to the inner wall of the scrubber.

1 13. (new) A scrubber as in claim 11, in which the fluid inlet slopes downward along the
2 inner wall of the scrubber.

1 14. (new) A scrubber as in claim 11, in which the fluid inlet is provided with a
2 deflection plate for fluid introduced into the scrubber.

1 15. (new) A scrubber as in claim 4, in which the at least one opening in the spiral-
2 shaped pipe is a slit extending over the length of the pipe.

1 16. (new) A scrubber as in claim 4, in which the at least one opening in the spiral-shaped
2 pipe comprises a plurality of openings over the length of the pipe.